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(54) PROCEDE ET DISPOSITIF DE PRODUCTION DE FORMIATES D'ACIDE FORMIQUE ET UTILISATION
DESDITS FORMIATES

(54) METHOD AND DEVICE FOR PRODUCING FORMIC ACID FORMATES AND USE OF SAID FORMATES

(57)

The invention relates to a method for producing formic acid formates, whereby (a) formic acid methyl ester is partially hydrolysed with water; (b) formic acid methyl ester and methanol are separated by distillation from the reaction mixture obtained in step (a), forming a current containing formic acid and water; (c) the current obtained in step (b), containing the formic acid methyl ester and optionally methanol, is converted into a current containing formate and water, by (i) reaction with a basic compound having a pKa value of the corresponding acid of the corresponding dissociation step of = 3, measured at 25 °C in an aqueous solution, in the presence of water, and (ii) separation by distillation of the methanol; and (d) the current obtained in step (b), containing formic acid and water, and the current obtained in step (c), containing formate and water, are combined to form a mixture containing the formic acid formate and water. The invention also relates to a device for producing said formic acid formates and to the use of the same.



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(57) Abrégé/Abstract:

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